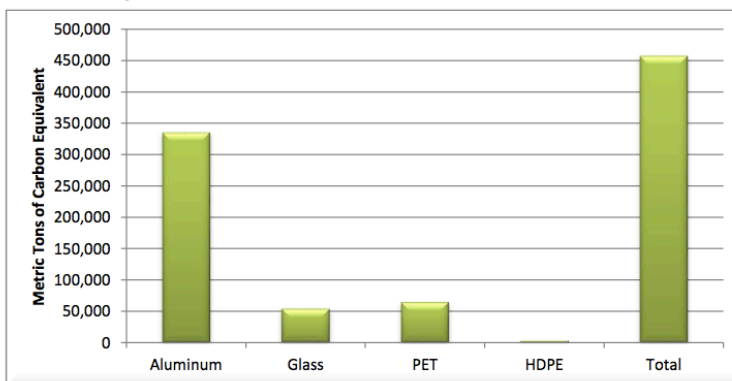


Six Reasons Why A Portion of Cap and Trade Auction Proceeds Should be Directed Toward Non-bottle Mixed Plastic Recycling Infrastructure

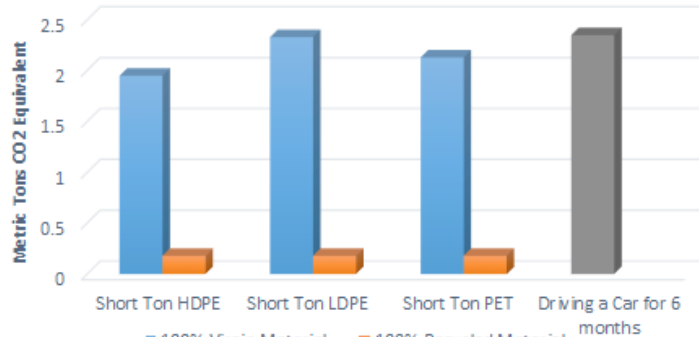
Respectfully submitted by Patty Moore,
 Moore Recycling Associates Inc., Sonoma, California

1) Plastic Recycling reduces greenhouse gases

Chart 6 – Greenhouse Gas Emission Reductions Based on 80 Percent of Beverage Containers Recycled



Carbon Emissions of Virgin vs Recycled Plastic



Data source: EPA Waste Reduction Model (WARM)

* Chart 8 Source: Calendar Year 2014 Report of Beverage Container Sales, Returns, Redemption, and Recycling Rates

2) Californian's have access to plastic recycling* *

Plastic Collection Program	Percentage of CA Population with Recycling Access
All Plastic	13.1%
All Rigid Plastic	29.7%
All Bottles & Non-Bottle Rigid Containers & Specific Plastics	9.0%
All Bottles & Non-Bottle Rigid Containers	33.6%
All Bottles & Specific Plastics	1.8%
All Bottles Only	6.3%
PET & HDPE Bottles & Specific Plastics	0.4%
PET & HDPE Bottles Only	2.6%
All CRV Bottles & Specific Plastics	0.0%
All CRV Only	3.0%
Other Specific Plastics	0.0%
No Plastic *	0.5%

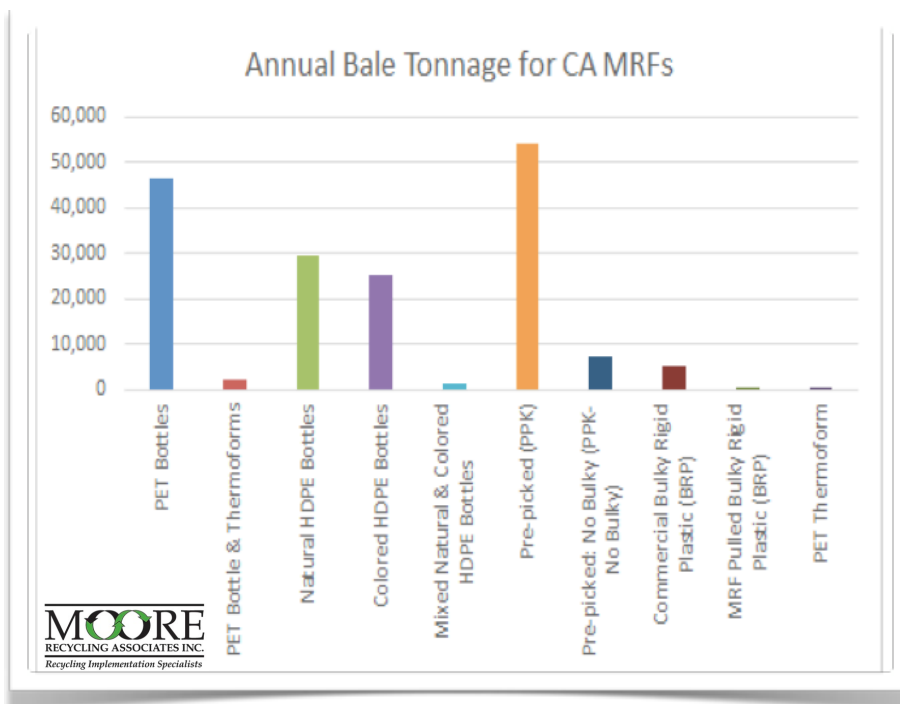
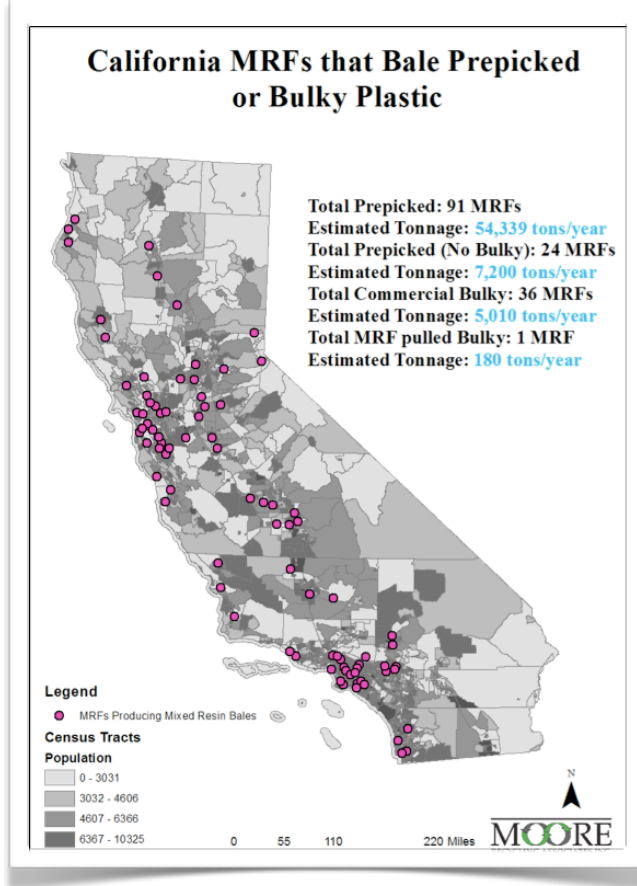
96.4%
Access to
PET & HDPE
Bottle and
Cap
Recycling

85.3%
Access to
All Non-
Bottle Rigid
Container
Recycling

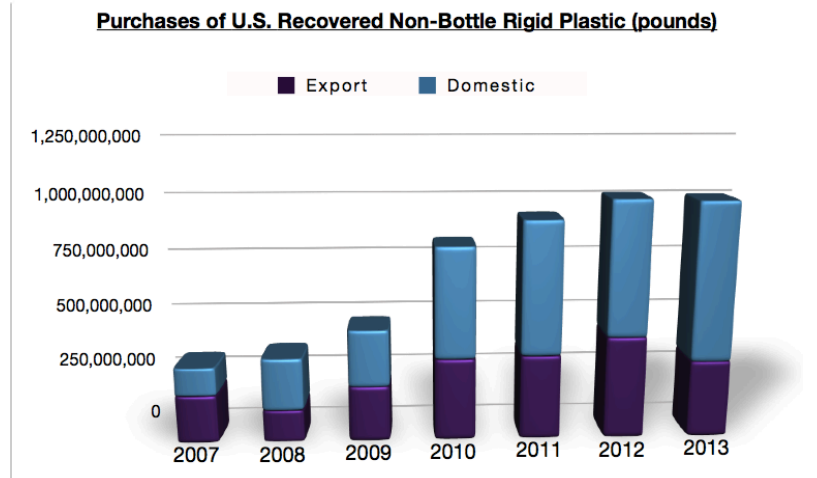
* Chart 8 Source: Calendar Year 2014 Report of Beverage Container Sales, Returns, Redemption, and Recycling Rates

* * Source: Plastic Recycling Collection: California Reach Study 2011

3) California's MRFs are generating non-bottle mixed plastic bales



4) Unlike other parts of the country, most of California's non-bottle plastic is being exported *



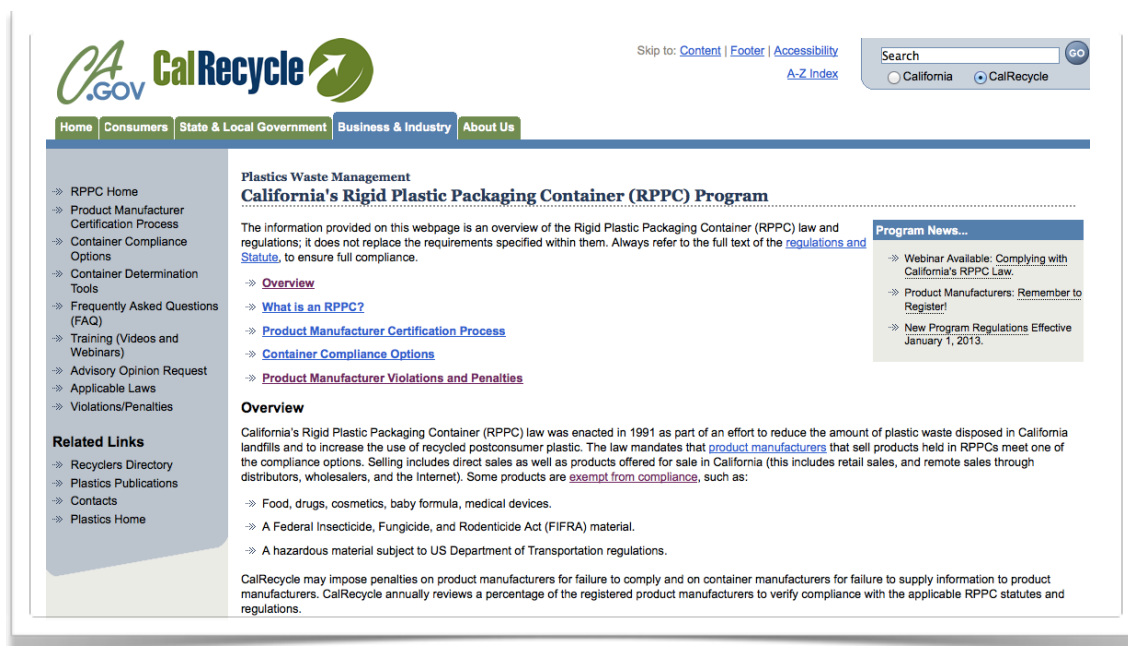
5) California has reclamation ** capacity for HDPE and PET but none for PP and PS

CA PET RECLAMATION FACILITIES	# OF FACILITIES	ANNUAL CAPACITY	2013 POUNDS COLLECTED
Operating	7	~ 417 M lbs	
Planned or Under Construction	2	~ 154 M lbs	
Planned Expansions	5	~ 75 M lbs	
Total	9	~ 646 M lbs	~ 450 M lbs
CA HDPE RECLAMATION FACILITIES	# OF FACILITIES	ANNUAL CAPACITY	2013 POUNDS COLLECTED
Total Operating	5	~ 146 M lbs	~ 105 M lbs

* Source: 2013 National Postconsumer Non-Bottle Rigid Plastic Recycling Report

** A reclaimer converts dirty plastic bales into clean postconsumer resin (PCR)

6) There is demand for all types of postconsumer resin (PCR) in California, in part because California has a law requiring recycled content in rigid plastic containers. Currently, many manufacturers cannot find PCR (beyond PET and HDPE bottles) to use as content.



In conclusion, the most urgent need to expand plastic recycling in California, is to develop the infrastructure to **separate** mixed non-bottle bales, and **reclaim** the PP and PS. Facilities that separate and reclaim non-bottle rigid plastic, exist in other parts of the country. California has one facility (it cannot handle all we generate) that separates mixed non-bottle plastic but there is no reclamation capacity for PP or PS in California.

Why A Portion of Cap and Trade Auction Proceeds should be directed toward mixed plastic recycling infrastructure

Building this separation and reclamation infrastructure is an appropriate use for a portion of Cap and Trade Auction Proceeds